

TERMS AND ACRONYMS

Commercially Available Commercially available technologies are defined as those that are available for purchase and unrestricted use by the general public and are fully compliant with all applicable emissions and safety regulations.

Electric Vehicle (EV) Consistent with Section 30D of the Internal Revenue Code for “new qualified plug-in electric drive motor vehicle” acquired after January 1, 2010, the term "electric vehicle," as used in this program, means a motor vehicle which:

Includes plug-in hybrid electric vehicle (PHEV) and battery electric vehicle (BEV)

- has at least 4 wheels;
- has a gross vehicle weight rating of less than 14,000 pounds;
- is permitted and capable of traveling on highways at highway speeds
- draws propulsion using a traction battery with at least 5 kilowatt hours of capacity;
- uses an off-board source of energy to recharge such battery;
- has been certified as compliant with emissions standards;
- the original use of which commences with the taxpayer;
- is acquired for use or lease by the taxpayer and not for resale; and
- is made by a manufacturer.

Vehicle manufacturers who have verified with the IRS that their vehicles meet these criteria are listed on the IRS website, here:

<http://www.irs.gov/businesses/article/0,,id=219867,00.html>

For the purposes of this rebate program, vehicles will not be eligible for rebates until they are included on the list provided at the link above.

Electric Vehicle Equipment necessary to support charging of an electric vehicle.

Supply Equipment (EVSE)

Electric Vehicle Supply Equipment, in compliance with Article 625 of the National Electrical Code (NEC), delivers electricity from a source outside an electric vehicle into one or more electric vehicles. The NEC defines EVSE as the conductors, including the ungrounded, grounded, and equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatuses installed specifically for the purpose of delivering energy from the premises wiring to the electric vehicle.

EVSE may include several charge points simultaneously connecting several electric vehicles to the system. It may also be known as an electric vehicle charging station, electric vehicle charging unit, or electric vehicle charging equipment.

NEC	National Electrical Code. NEC 625 is the National Electrical Code requirement for electrical conductors and equipment external to an electric vehicle.
NRTL	Nationally Recognized Testing Laboratory. a part of OSHA's Directorate of Technical Support and Emergency Management, recognizes private sector organizations as NRTLs, and recognition signifies that an organization has met the necessary qualifications specified in the regulations for the NRTL Program. The NRTL determines that specific equipment and materials ("products") meet consensus-based standards of safety to provide the assurance, required by OSHA, that these products are safe for use in the U.S. workplace. An NRTL is an organization that OSHA has "recognized" as meeting the legal requirements in 29 CFR 1910.7. These requirements are the capability, control programs, complete independence, and reporting and complaint handling procedures to test and certify specific types of products for workplace safety. An organization must have the necessary capability both as a product safety testing laboratory and as a product certification body to receive OSHA recognition as an NRTL.
OSHA	<p>OSHA is part of the United States Department of Labor.</p> <p>OSHA's recognition is not a government license or position, or a delegation or grant of government authority. Instead, the recognition is an acknowledgment that an organization has necessary qualifications to perform safety testing and certification of the specific products covered within its scope of recognition . As a result, OSHA can accept products "properly certified" by the NRTL. "Properly certified" generally means: 1) the product is labeled or marked with the registered certification mark of the NRTL, 2) the NRTL issues the certification for a product covered within the scope of a test standard for which OSHA has recognized it, and 3) the NRTL issues the certification from one of its sites (i.e., locations) that OSHA has recognized.</p>
SAE	SAE International, formerly the Society of Automotive Engineers.
SAE J1772	SAE J 1772 is the SAE Electric Vehicle and Plug in Hybrid Electric Vehicle Conductive Charge Coupler standard covering the general physical, electrical, functional and performance requirements to facilitate conductive charging of EV/PHEV vehicles in North America. All major electric vehicle and charging system manufacturers support this standard, which should eliminate drivers' concerns about whether their vehicle is compatible with the equipment.

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Underwriters Laboratories. Provides third party safety certification of equipment. NEC Section 625.5 requires all electrical materials, devices, fittings, and associated equipment of the electric vehicle charging system to be listed or labeled; Section 625.16 requires EV attachment plugs, connectors, and inlets to be listed or labeled for the purpose; and Section 625.22 requires EV supply equipment to have a listed system of protection against electric shock of personnel.